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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In the Application of:

TIMOTHY CASPAR

CASE NO.: BB-1386USPCT

APPLICATION NO.: 10/019,633

GROUP ART UNIT: 1638

FILED: DECEMBER 27, 2001

EXAMINER: PHUONG T. BUI

CONFIRMATION NO.: 1132

FOR: PURINE METABOLISM GENES IN PLANTS

**AMENDMENT AND RESPONSE TO OFFICE ACTION**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

This is in response to the Office Action mailed January 30, 2004.  
Reconsideration is respectfully requested and the following submitted in support thereof.

**Amendment to the Sequence Listing** begins on page 2 of this paper.

**Amendments to the Drawings** begin on page 3 of this paper.

**Remarks** begin on page 4 of this paper.

**Appendix A** is attached herewith.

**Signed copy of Restriction election** is attached herewith.

**Amendment of Sequence Listing**

Clarification of the start and stop of the open reading frame of SEQ ID NO:1 was requested. It is noted that translation of nucleotides 1 through 1737 (s of the nucleotide sequence of SEQ ID NO:1 yields a polypeptide having a total of 578 amino acids that is depicted in SEQ ID NO:2.

**Amendments to the Drawings:**

Attached are three (3) sheets of drawings that include changes to the designation of each sheet of Figure 2 and Figure 3. These sheets, now labeled "Figure 2A", "Figure 2B" and "Figure 3A" replace the original three sheets collectively labeled "Figure 2" and "Figure 3".